

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	111	((variable near3 gain) with exponent\$5) and (control near voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:47
L2	223	((variable near3 gain) with exponent\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L3	2	((variable near3 gain) with exponent\$5) and (voltage near gain) and (independent with thermal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L4	2	((variable near3 gain) same exponent\$5) and (voltage near gain) and (independent with thermal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L5	81	((variable near3 gain) with exponent\$5) and (control near2 voltage\$1) and (voltage near2 gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L6	6	(variable near3 gain) and (control near2 voltage\$1) and ((voltage near2 gain) with exponent\$ with inver\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L7	11	(variable near3 gain) and (control near2 voltage\$1) and ((voltage near2 gain) same exponent\$ same inver\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L8	5	L7 not L6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L9	18	(variable near3 gain) and (control near2 voltage\$1) and ((voltage near2 gain) with exponent\$) and (independent with temperature\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41

## EAST Search History

L10	2	"20050073362".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L11	0	"330"/\$.ccls. and ((operation near2 amplifier) with current mirror) and (voltage near2 temprature) and (reference near2 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L12	351	"330"/\$.ccls. and ((operation near2 amplifier) with current mirror) and (voltage near2 temperature\$1) and (reference near2 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L13	5	"330"/\$.ccls. and ((operation near2 amplifier) with feedback with resist\$6) and (voltage near2 temperature\$1) and (reference near2 voltage) and (current near mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L14	128	(proportion with voltage with amplifier) and (current near mirror) and (voltage near reference\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L15	14	(proportion with voltage with amplifier) and (current near mirror) and (voltage near reference\$1) and exponential	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L16	74	(temperature with voltage with amplifier) and (current near mirror) and (voltage near reference\$1) and exponential	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L17	27	330/254,256,260.ccls. and ((variable near3 gain) with exponent\$5) and (control near voltage) and temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L18	27	330/250,254,256,260.ccls. and ((variable near3 gain) with exponent\$5) and (control near voltage) and temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L19	41	"330"/\$.ccls. and ((variable near3 gain) with exponent\$5) and (control near voltage) and temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41

## EAST Search History

L20	2	"20050046479".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L21	237	(compar\$3 with differe\$7 with (bit near2 line\$1) with (ground or potential))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L22	25	((voltage near2 gain) with exponent\$ with inver\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L23	144	(voltage near2 gain) with exponent\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L24	2	"20010006353".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L25	42	330/250,254,256,260.ccls. and ((voltage near3 gain) with exponent\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L26	8	330/250,254,256,260.ccls. and ((voltage near3 gain) with exponent\$5 with inver\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L27	12	"330"/\$.ccls. and ((voltage near3 gain) with exponent\$5 with inver\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L28	4	L27 not L26	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41

## EAST Search History

L29	31	((voltage near3 gain) with exponent\$5 with inver\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L30	19	L29 not L27	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L31	2	"5030924".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L32	2	"20010006353".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L33	8	"330"/\$.ccls. and (linear adj2 decibel). ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L34	4	((("20010006353") or ("5030924"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L35	20	"5162678"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L36	2	"5162678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41

## EAST Search History

L37	8	((("20030058047") or ("5912589") or ("5247398") or ("5162678"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L38	2	((variable near3 gain) same exponent\$5) and (voltage near gain) and (independent with thermal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L39	11	(variable near3 gain) and (control near2 voltage\$1) and ((voltage near2 gain) same exponent\$ same inver\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L40	0	"330"/\$.ccls. and ((operation near2 amplifier) with current mirror) and (voltage near2 temprature) and (reference near2 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L41	27	330/254,256,260.ccls. and ((variable near3 gain) with exponent\$5) and (control near voltage) and temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L42	27	330/250,254,256,260.ccls. and ((variable near3 gain) with exponent\$5) and (control near voltage) and temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L43	41	"330"/\$.ccls. and ((variable near3 gain) with exponent\$5) and (control near voltage) and temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L44	237	(compar\$3 with differe\$7 with (bit near2 line\$1) with (ground or potential))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L45	12	"330"/\$.ccls. and ((voltage near3 gain) with exponent\$5 with inver\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
			US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB			

## EAST Search History

L46	31	((voltage near3 gain) with exponent\$5 with inver\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L47	20	"5162678"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L48	2	((variable near3 gain) with exponent\$5) and (voltage near gain) and (independent with thermal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L49	81	((variable near3 gain) with exponent\$5) and (control near2 voltage\$1) and (voltage near2 gain)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L50	6	(variable near3 gain) and (control near2 voltage\$1) and ((voltage near2 gain) with exponent\$ with inver\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L51	5	L39 not L50	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L52	18	(variable near3 gain) and (control near2 voltage\$1) and ((voltage near2 gain) with exponent\$) and (independent with temperature\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L53	2	"20050073362".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L54	5	"330"/\$.ccls. and ((operation near2 amplifier) with feedback with resist\$6) and (voltage near2 temperature\$1) and (reference near2 voltage) and (current near mirror)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41

## EAST Search History

L55	14	(proportion with voltage with amplifier) and (current near mirror) and (voltage near reference\$1) and exponential	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L56	74	(temperature with voltage with amplifier) and (current near mirror) and (voltage near reference\$1) and exponential	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L57	2	"20050046479".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L58	25	((voltage near2 gain) with exponent\$ with inver\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L59	2	"20010006353".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L60	42	330/250,254,256,260.ccls. and ((voltage near3 gain) with exponent\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L61	8	330/250,254,256,260.ccls. and ((voltage near3 gain) with exponent\$5 with inver\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L62	4	L45 not L61	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L63	19	L46 not L45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
			US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB			



## EAST Search History

L64	2	"5030924".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L65	2	"20010006353".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L66	8	"330"/\$.ccls. and (linear adj2 decibel). ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L67	4	((("20010006353") or ("5030924"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L68	2	"5162678".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L69	8	((("20030058047") or ("5912589") or ("5247398") or ("5162678"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L70	111	((variable near3 gain) with exponent\$5) and (control near voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L71	128	(proportion with voltage with amplifier) and (current near mirror) and (voltage near reference\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L72	144	(voltage near2 gain) with exponent\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41



## EAST Search History

L73	223	((variable near3 gain) with exponent\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L74	351	"330"/\$.ccls. and ((operation near2 amplifier) with current mirror) and (voltage near2 temperature\$1) and (reference near2 voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:41
L75	24	((("20050184805") or ("6292059") or ("6819183") or ("6020786") or ("20050068087") or ("6882185") or ("6724235") or ("5900781") or ("6894564") or ("20030169090") or ("6791413") or ("6124716")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:43
L76	3	("5880631"   "6229374"   "6259321").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/06 10:45
L77	3	("5177453"   "6052032"   "6677823").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/06 10:45
L78	25	((variable near3 gain) with exponent\$5) and (control near voltage) and (linear\$5 near4 decibel\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/06 10:48